

INTERNATIONAL SEARCH REPORT

Int. Application No
PCT/GB2004/004183

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G02B6/44

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 748 460 B (BRITISH TELECOMM) 18 December 1996 (1996-12-18) cited in the application the whole document	1-11
X	DE 299 00 087 U (DELPHI TECH INC) 8 April 1999 (1999-04-08) abstract; figures	1-11
A	EP 0 677 756 A (FRAMATOME CONNECTORS INT) 18 October 1995 (1995-10-18) abstract; figure 1	1-11
A	US 6 445 865 B1 (REAGAN RANDY ALAN ET AL) 3 September 2002 (2002-09-03) abstract; figure 2	1-11
	----- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

21 January 2005

Date of mailing of the international search report

04/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Faderl, I

INTERNATIONAL SEARCH REPORT

Int. Application No
PCT/GB2004/004183

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 101 13 528 A (REICHLE & DE MASSARI AG WETZIK) 26 September 2002 (2002-09-26) abstract; figure 2	1-11
A	US 6 321 017 B1 (REAGAN RANDY ALAN ET AL) 20 November 2001 (2001-11-20) abstract; figures 4a,4b,5	1
A	DE 195 44 724 A (SIEMENS NIXDORF INF SYST) 5 June 1997 (1997-06-05) abstract; claim 2; figure 1	1

INTERNATIONAL SEARCH REPORT

.....lation on patent family members

Inte ial Application No
PCT/GB2004/004183

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0748460	B	18-12-1996	EP 0748460 A1	18-12-1996
			AU 680120 B2	17-07-1997
			AU 1819895 A	18-09-1995
			AU 695834 B2	20-08-1998
			AU 1819995 A	18-09-1995
			CA 2184615 A1	08-09-1995
			CA 2184616 A1	08-09-1995
			CN 1143416 A	19-02-1997
			DE 69505797 D1	10-12-1998
			DE 69505797 T2	08-04-1999
			DE 69518230 D1	07-09-2000
			DE 69518230 T2	22-02-2001
			EP 0748461 A1	18-12-1996
			ES 2126256 T3	16-03-1999
			ES 2150556 T3	01-12-2000
			WO 9523987 A1	08-09-1995
			WO 9523988 A1	08-09-1995
			GB 2287077 A ,B	06-09-1995
			JP 9509751 T	30-09-1997
			NZ 281299 A	26-05-1997
			NZ 281300 A	26-08-1998
			US 5503369 A	02-04-1996
			US 5749565 A	12-05-1998
DE 29900087	U	08-04-1999	DE 29900087 U1	08-04-1999
EP 0677756	A	18-10-1995	DE 4412571 C1	08-06-1995
			AT 182220 T	15-07-1999
			CA 2145341 A1	14-10-1995
			EP 0677756 A2	18-10-1995
			ES 2133607 T3	16-09-1999
			US 5570443 A	29-10-1996
US 6445865	B1	03-09-2002	NONE	
DE 10113528	A	26-09-2002	DE 10113528 A1	26-09-2002
US 6321017	B1	20-11-2001	NONE	
DE 19544724	A	05-06-1997	DE 19544724 A1	05-06-1997